CDR RID Report

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Section Entire document content **Page** N/A   **Figure Table** N/A

Category Name MSS Design

Sub Category

Subject General Lack of Detail

Actionee ECS

Related RIDs
Subcategory ID

Description of Problem or Suggestion:

There is a general lack of detail that makes it very difficult to perceive the actual details of the design. General areas are the following:

(1) There are very few scenarios provided. In the ones provided, there is little detail that shows the interplay between management agents and the various MSS services, among the various levels of management agents and APIs, or between MSS services. For example, the scenario provided for Record New Site Baseline (Figure 5.4-2, Page 5-51 and Section 5.4.2, Page 5-50 ff) gives only high-level detail that shows the interaction of 7 of the 16 objects displayed in the object diagram of the Baseline Manager (Figure 5.3-1, Page 5-4)

In addition (in this example), no scenarios are presented that show the interaction between the baseline manager and other MSS services such as Fault Management (What errors might occur and what happens if they do?)

(2) Very little detail is offered an any of the service areas to show the distinction between activities/configurations at the local sites and the SMC.

(3) There is a general lack of detailed lists of errors and reports with other descriptive information. Some of these lists are shown in the Rel A Overview SDPS/CSMS System Design Spec. (305-CD-004-001) in Tables 6.4.6-1 thru 6.4.6-7 and 6.4.7-1 thru 6.4.7-5. Other lists of parameters (such as specific fault diagnostic information), specific log entries, etc. should also be provided.

(4) There is little information that shows how the MSS services can support the operator function. For example, in Fault Management alone -- There should be scenarios that show how the log browser helps the operator to investigate and find the source of a fault (The log is potentially huge). How does the operator know what vendor diagnostics are available and appropriate? What operator support is available to find the appropriate corrective action if there are many alternatives, if the problem is complex, or if continuation of production or maintaining a minimum

Originator's Recommendation

(1) Provide additional scenarios for all services to provide the type of detail indicated..

(2) Provide detail in the descriptions and in scenarios that show the distinction between the local site and SMC configurations and activities.

(3) Provide the requested types of detailed lists. A start would be to transfer the specific tables from the overview design document to the design spec. or to establish a working document that can grow as more knowledge is gained.

(4) Show more details of the interaction between all the MSS services and the operator.

GSFC Response by: **GSFC Response Date**

HAIS Response by: **HAIS Schedule**

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Status **Open**   **Date Closed**   **Sponsor** **Folts**

****** **Attachment if any** ******

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